

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claim 1 (canceled).

2. (currently amended) An information device system comprising:
at least two information devices connected via a bus or a network, said information devices having ID numbers,

wherein each information device identifies the other information device using the ID number of the other information device,

wherein of said information devices, ~~an~~ a controlled information device which is controlled by the other information device comprises:

storage means for storing device name data indicating a name of said ~~the controlled~~ information device to provide information used for distinguishing an identification of said ~~the controlled~~ information device from the other information device, and

another storage means for storing function data including instruction data used for enabling said ~~the controlled~~ information device to be controlled by the other information device,

wherein said ~~the controlled~~ information device sends to the other information device said function data ~~including information data~~ in response to a request from the other information device and receives from the other information device information which is generated by the other information device based on said function data received so that said ~~the controlled~~ information device is controlled by the other information device,

wherein at least one of said at least two information devices further comprises:

first storage means for storing device name data received from the other information device, and

second storage means for storing function data sent from said the other information device,

wherein said at least one of said at least two information ~~device~~devices, ~~requests one or more other information devices in said system to send device name data and stores the received device name data in said first storage means, when performing control, requests a~~n ~~subject~~ information device to be controlled among the other information devices in said system to send function data using said device name data stored in said first storage means and stores said function data sent from ~~said subject the~~ controlled information device in said second storage means, generates control information based on said function data stored in said second storage means for controlling ~~said the controlled subject~~ information device and sends the generated control information to control ~~said the controlled subject~~ information device.

3. (currently amended)An information device which configures an information device system which includes a plurality of ~~said information device~~ devices including said information device and at least another information device connected to said information device via a bus or a network, each of said information device ~~devices~~ having an ID number, wherein said information device identifies ~~the others~~said at least another information device

using the ID number of the ~~others~~said at least another information device, said information device comprising:

first storage means for storing device name data received from another information device; and

second storage means for storing function data received from ~~aan~~subject information device to be controlled by said information device,

wherein said information device, when performing control ~~requests said~~
~~at least another information device to send device name data and stores the~~
~~received device name data in said first storage means, requests a certain~~the
controlled information device to be controlled among said at least ~~said~~
~~another information devices~~device to send function data using said device
name data stored in said first storage means, receives said function data from
~~said certain~~the controlled information device data and stores the ~~received~~said
function data in said second storage means, generates control information
based on said function data stored in said second storage means for
controlling ~~said certain~~the controlled information devices and sends the
generated control information to ~~said certain~~the controlled information device
to control ~~said certain~~the controlled information device.

Claim 4 (canceled).

5. (currently amended) A method for controlling an information device system having at least two information devices connected via a bus or a network, each information device having device name data indicating a name of said information device to provide information used for distinguishing

an identification of said information device from the other information device and function data including instruction data used for enabling said information device to be controlled by the other information device, said information devices having ID numbers, wherein each of said information device identifies the other information device using ~~the~~ an ID number of the other information device, said method comprising the steps of:

requesting a ~~second~~ an information device to be controlled to send device name data including a name of ~~said second~~ the controlled information device which ~~said second~~ the controlled information device has to a ~~first~~ controlling information device;

storing said device name data sent from said second information device in storage means included in the controlling ~~to said first~~ information device;

during control of said second information device by said first information device, requesting the controlled ~~said second~~ information device to send function data including instruction data which ~~said second~~ the controlled information device has for enabling ~~said second~~ the controlled information device to be controlled by the controlling information device using said device name data stored in said storing step;

receiving said function data sent from ~~said second~~ the controlled information device and storing the received function data in said storage means of ~~said first~~ the controlling information device;

generating control information based on said function data received by ~~said first~~ the controlling information device for controlling ~~said second~~ the controlled information device and sending the generated control information to

~~said second~~the controlled information device to control ~~said second~~the controlled information device, so that ~~said first~~the controlling information device controls ~~said second~~the controlled information device.